



Stone Avenue and Grant Road Water Quality Assurance Revolving Fund (WQARF) Site Updates on Progress, Results, and Next Steps

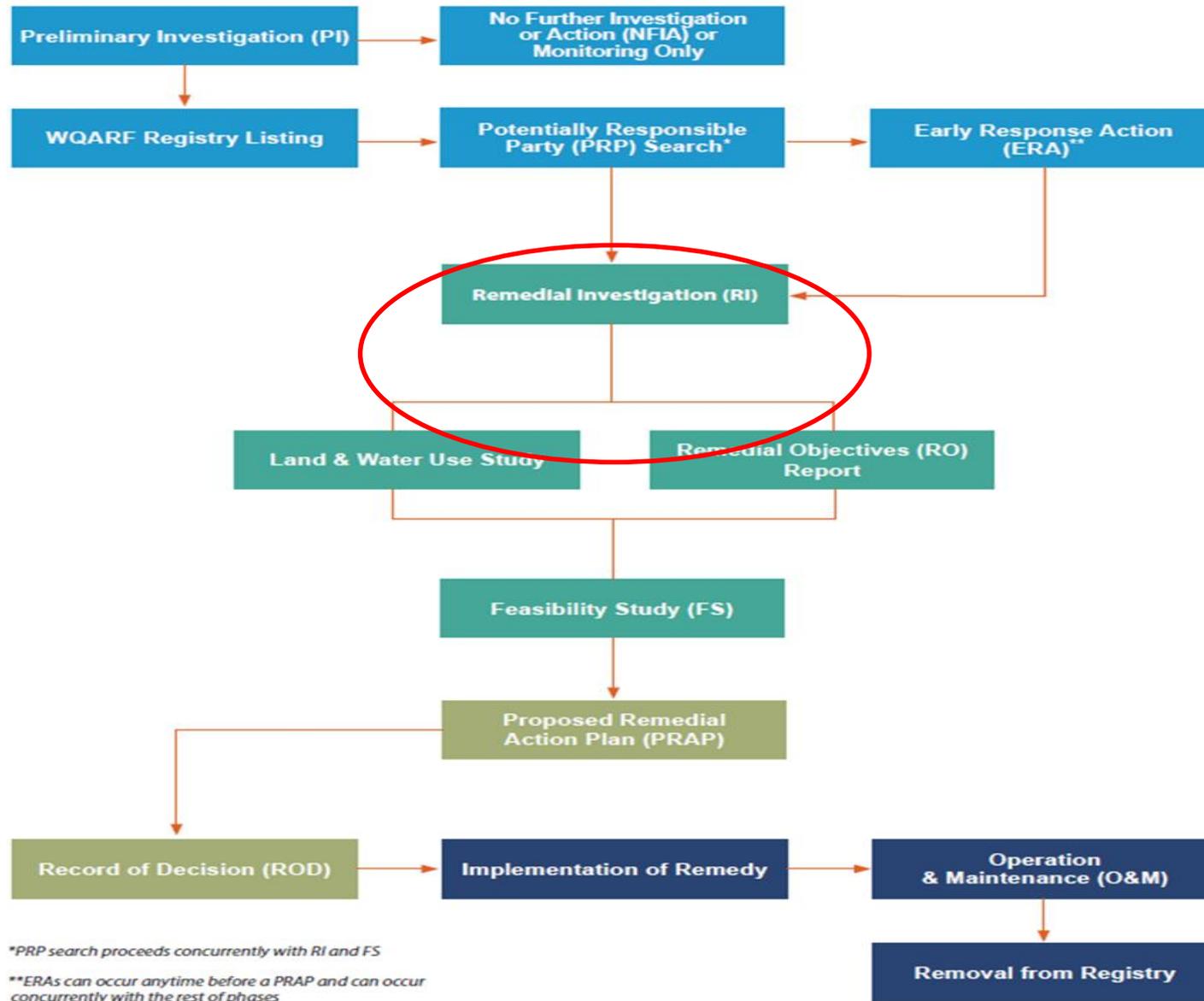
May 16, 2019

Community Advisory Board (CAB) Meeting

Gianna Trujillo, Environmental Science Specialist II/Project Manager



WQARF PHASES



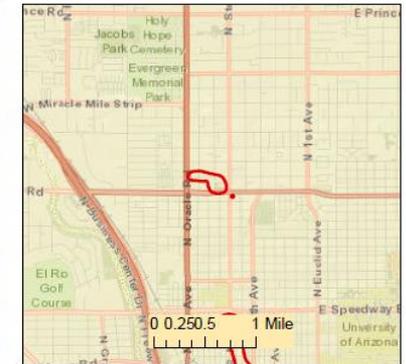
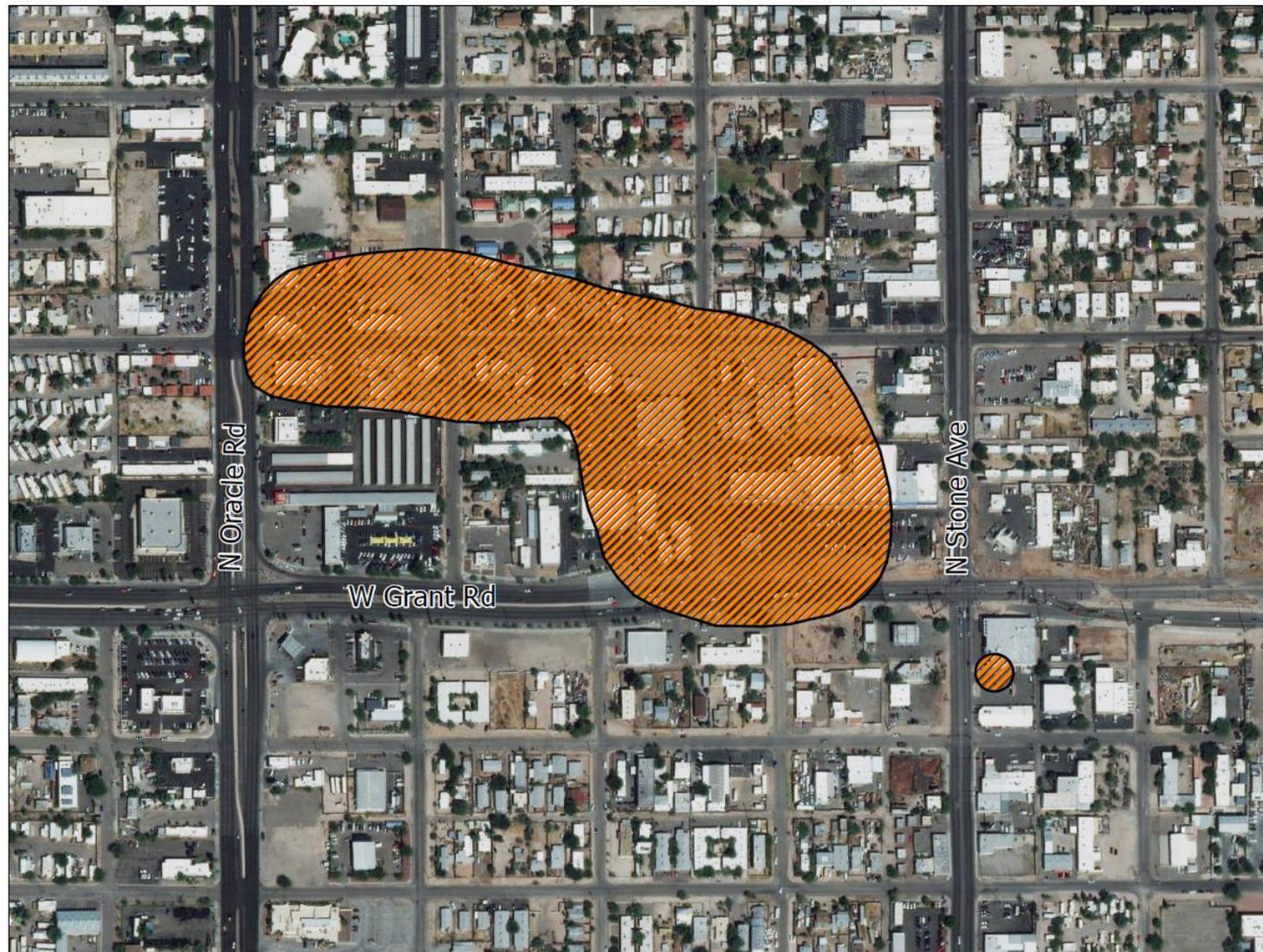
**PRP search proceeds concurrently with RI and FS*

***ERAs can occur anytime before a PRAP and can occur concurrently with the rest of phases*

- Website Map Update
- Community Involvement Area Update
- Expanded Soil Gas Investigation Results
- Indoor Air Sampling
- Two newly installed Groundwater Monitoring Wells
- ERA Update: Soil Vapor Extraction Unit System

Site Map Update

DITAT DEUS



(WQARF) Water Quality Assurance
Revolving Fund Site

Publication Number: M 19-53
Plume Data Update: March 2019

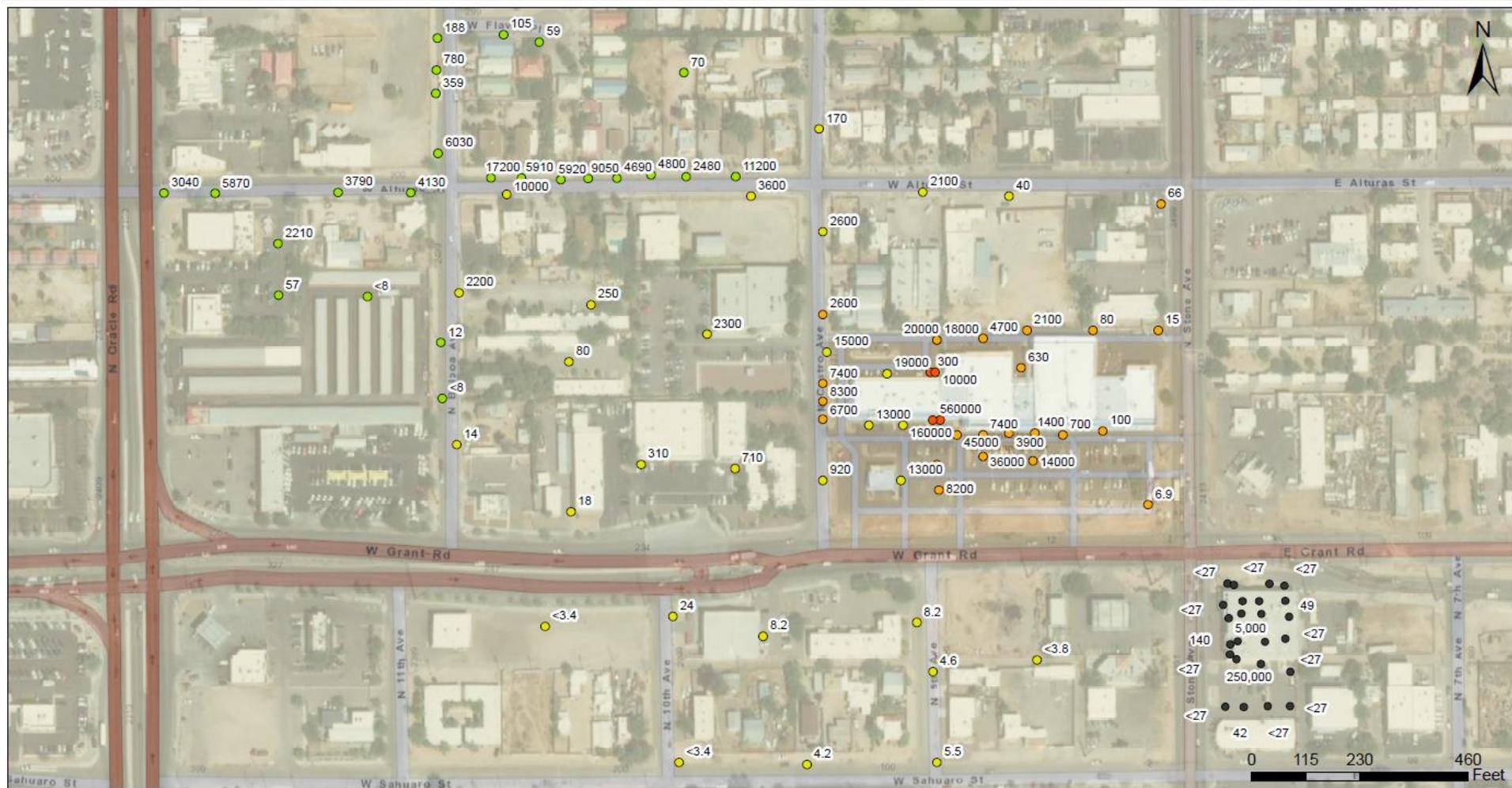
Plume boundaries depicted on the site map represent ADEQ's interpretation of data available at the time the map was constructed. The map is intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of map production. The actual extent of contamination may be different. Therefore, the plume for this site may change in the future as new information becomes available.

Community Involvement Area Update

Stone Ave And Grant Rd Community Involvement Area



PCE in Shallow Soil-Gas



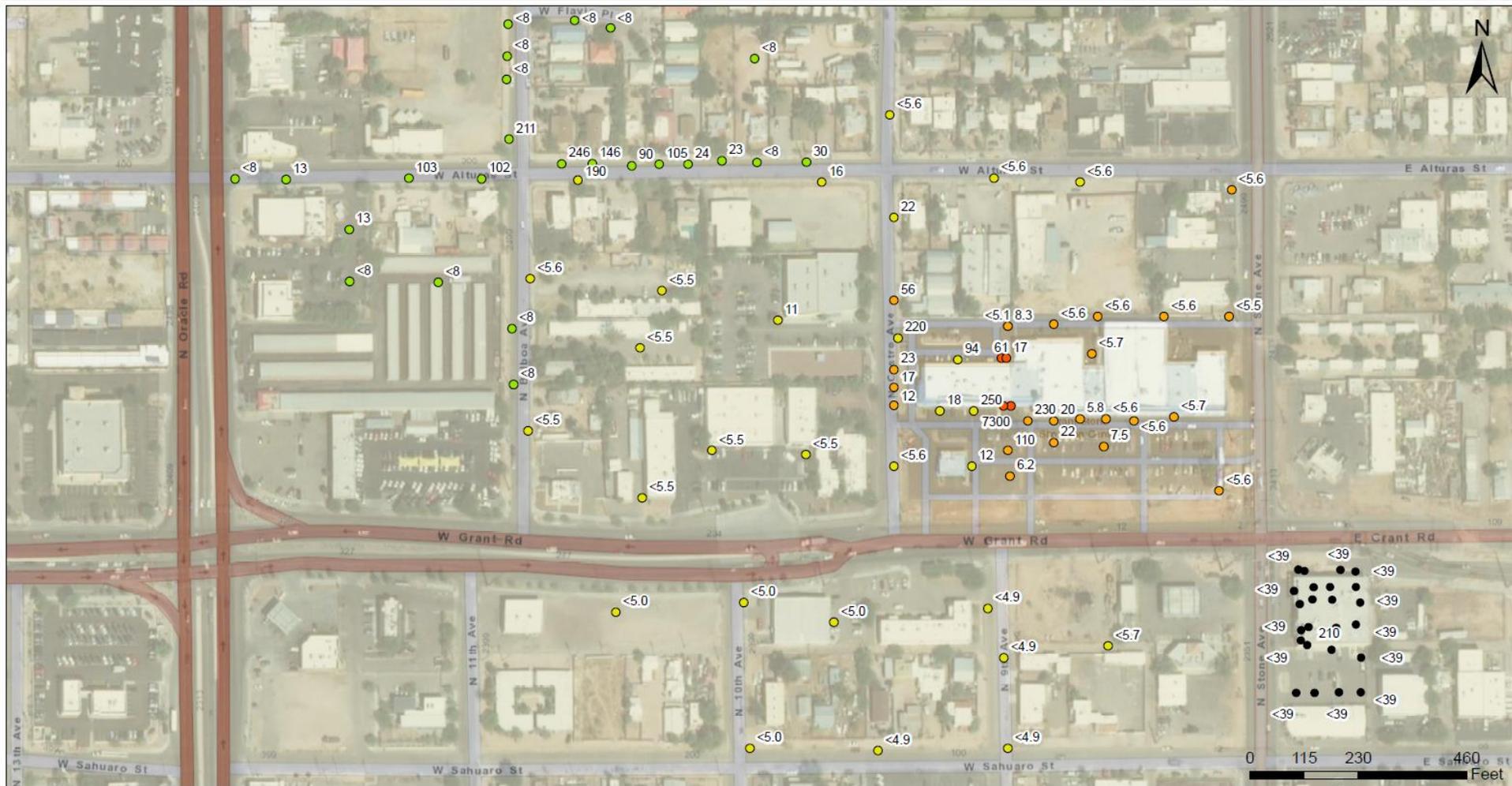
- Legend**
- Soil Gas Sampling March 2019
 - Soil Gas Sampling Nov 2018
 - Soil Gas Sampling June 2018
 - Soil Gas Sampling Dec 2017
 - Soil Gas Sampling April 2017

Shallow Soil-Gas Sampling Results for PCE at Stone & Grant WQARF Site Tucson, AZ

NOTES:
*All results are in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

PCE
Residential Screening Level $367 \mu\text{g}/\text{m}^3$
Non-Residential Screening Level $1,567 \mu\text{g}/\text{m}^3$

TCE in Shallow Soil-Gas



- Legend**
- Soil Gas Sampling March 2019
 - Soil Gas Sampling Nov 2018
 - Soil Gas Sampling June 2018
 - Soil Gas Sampling Dec 2017
 - Soil Gas Sampling April 2017

Shallow Soil-Gas Sampling Results for TCE at Stone & Grant WQARF Site Tucson, AZ

NOTES:
*All results are in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

TCE
Residential Screening Level $16 \mu\text{g}/\text{m}^3$
Non-Residential Screening Level $100 \mu\text{g}/\text{m}^3$

- Please refer to Factsheet Handout



Photo Credit: ADEQ

Example of a Radiello Sampler used to conduct indoor air quality sampling; currently being used at Stone & Grant for Residential Sampling.

Example of a Summa Canister Sampler used to conduct indoor air quality sampling; currently being used at Stone & Grant for Non-Residential Sampling.



WQARF Groundwater Monitoring Wells



Legend

 GW Monitoring Wells

**Groundwater Monitoring Wells
Stone & Grant WQARF Site
Tucson, AZ**

- 15 lbs of PCE/TCE removed as of April 2019
(SVE began in November 2017)



- ERA SVE Decision to continue or discontinue running the system at Stone & Grant Intersection
- Write Draft Remedial Investigation Report by June 2019.
- Complete Final Remedial Investigation Report by September 2019.
- Move into Next WQARF Phase: Feasibility Study by October 2019.

Contact Information

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